

ABSTRACT OF THE INVENTION

A kitchen range hood for exhausting gases comprises an outer hood body within which a motor housing is mounted. The motor housing has top, bottom and perimeter side surfaces defining a pair of substantially similar air chambers, a motor and fan being housed in each chamber. An opening in the bottom surface of the housing is aligned below each of the fans. A tray is located in abutment with the housing below the opening in the bottom surface. The tray has a wall and a floor, with at least one air inlet opening in the wall. A bottom panel is connected to the bottom of the hood body about the tray. Air is drawn into the range hood through the air inlet in the tray wall. The range hood is also equipped with an automatic cleaning system, comprising a spray nozzle and hose seated above the floor of the tray.